

AFP

Native Human Alpha-Fetoprotein

Catalog No.	CRA010	Quantity:	500 µg
Alternate Names:	AFP, Alpha-1-fetoprotein, Alpha-fetoglobulin, Alpha-Fetoprotein		
Description:	Human Alpha Fetoprotein (AFP) is a major plasma protein produced by the yolk sac and the liver during fetal development. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. The protein is thought to be the fetal counterpart of serum albumin. Alpha-fetoprotein is found in monomeric, dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.		
UniProt ID:	P02771		
Source:	Human hepatocarcinoma cell line		
Formulation:	0.1 M Tris buffer, pH 7.5 , 0.2 M NaCl, 0.1% Na azide.		
Concentration:	3.19 mg/ml by Cobas™ AFP assay Total protein 3.72 mg/ml, lot specific		
Purity:	> 95%, by IEP and PAGE		
Contaminants:	None detected by IEP and PAGE		
Storage & Stability:	2-8°C for shipping purpose only. Upon receipt, aliquot and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		
Statement:	The human hepatocarcinoma cell line tested negative for HCV Ab, HIV-1/2 Ab, HCV, HIV-1Ag and HBsAg and HCV by NAT per current FDA methods. Note: Samples tested were Cell Culture Supernatants, not Serum and not appropriate for use in these assays. Handle as though infectious.		

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